

Board Meeting  
January 14-15, 2003

To request a Time Extension (TE) or Alternative Diversion Requirement (ADR), please complete and sign this request sheet and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.


Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance, (MS 25)  
1001 I Street  
PO Box 4025  
Sacramento CA 95812-4025

### General Instructions:

For a Time Extension complete Sections I, II, III-A, IV-A, and V.

For an Alternative Diversion Requirement complete Sections I, II, III-B, IV-B and V.

<b>Section I: Jurisdiction Information and Certification</b> <i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name  County of Madera		County  Madera	
Authorized Signature 		Title  Acting County Engineer	
Type/Print Name of Person Signing  David McGlassen	Date  11/6/02	Phone  (559) 675-7817	
Person Completing This Form (please print or type)  Evan W.R. Edgar		Title  Principal Civil Engineer	
Phone  (916) 444-0300	E-mail Address  evan@edgarinc.org		Fax  (916) 444-0404
Mailing Address  1301 D Street	City  Sacramento	State  CA	ZIP Code  95814

## Section II—Cover Sheet

This cover sheet is to be completed for each Time Extension (TE) or Alternative Diversion Requirement (ADR) requested.

### 1. Eligibility

Has your jurisdiction filed its Source Reduction and Recycling Element, Household Hazardous Waste Element, and Nondisposal Facility Element with the Board (must have been filed by July 1, 1998 if you are requesting an ADR)?

☐ No. If no, stop; not eligible for a TE or ADR.

☒ Yes. If yes, then eligible for a TE or ADR.

### 2. Specific Request and Length of Request

Please specify the request desired.

☐ Time Extension Request

Specific years requested \_

Is this a second request? ☐ No ☐ Yes Specific years requested \_

(Note: Requests for an additional extension will need to address why the jurisdiction's efforts to meet the 50% goal by the end of the first extension were not successful.)

☒ Alternative Diversion Requirement Request (*Not allowed for Regional Agencies*).

Specific ADR requested ~~48~~ 47.5 %, for the years 2001, 2002, 2003, 2004.

Is this a second ADR request? ☒ No ☐ Yes Specific ADR requested \_ %, for the years \_

(Note: Requests for an additional ADR will need to address why the jurisdiction's efforts to meet 50% by the end of the first ADR period were not successful.)

**Note:** Extensions may be requested anytime by a jurisdiction, but will only be effective in the years from January 1, 2000 to January 1, 2006. An original request for a TE/ADR may be granted for any period up to three years and subsequent requests for TE/ADR may extend the original request or be based on new circumstances but the total number of years for all requests cannot total more than five years or extend beyond January 1, 2006.

### **Section IIIA—TIME EXTENSION**

**Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's progress in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.**

*Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIA-1).*

**1. Why does your jurisdiction need more time to meet the 50% goal? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.**

**2. Why does your jurisdiction need the amount of time requested? Describe any relevant circumstances in the jurisdiction that contribute to the need for a Time Extension.**

**3. Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.**

**4. Provide any additional relevant information that supports the request.**

### **Section IIIB—ALTERNATIVE DIVERSION REQUIREMENT**

**Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's efforts in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.**

*Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIB-1.).*

**1. Why does your jurisdiction need and Alternative Diversion Requirement? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.**

Madera County qualifies as a rural jurisdiction as defined by the Public Resources Code and faces similar special challenges as other rural jurisdictions in California. In 1998 Madera County achieved a 45% CIWMB approved diversion rate and has dipped down from a calculated diversion rate of 45% in 1999 to 43% in 2000. The 1990 Base Year shows residential waste generation at only 11%, and non-residential waste generation at 89%. Madera County was one of the lowest residential solid waste generation rates in California at 0.3 pounds per person per day. With local government having more tools to address residential solid waste diversion programs, a major barrier has been a lesser focus on a solid waste stream that is perceived to be relatively small, but in reality must be significantly higher. The SRRE projected a Year 2000 diversion rate of 56.7% based on 174,000 tons of solid waste being generated with 75,420 tons being disposed and 98,580 tons being diverted. In actuality, there were 48,826 tons disposed of and a calculated 85,172 tons being generated, leaving 36,346 tons being diverted in 2000. The original SRRE proposed Year 2000 programs on an inflated solid waste generation amount focusing on a 89% non-residential waste stream including 30,102 tons of ash diversion, 56,724 tons of inert diversion, 15,312 tons of wood waste. Three large biomass facilities were shut down and stopped generating ash and the amount of wood waste being generated from agricultural sources was curtailed in relation to the diminished biomass markets. A major barrier has been depending on a base year with numbers skewed towards non-residential solid waste generation, and solid waste generation inflation projected in 1992. Madera County needs to embark upon a new Solid Waste Generation Study in 2003 in order to attack the solid waste that can be diverted and place a renewed effort on the residential solid waste stream, C&D waste, business recycling programs, and public education.

The County selected and not implemented a series of SRRE programs including multi-media education, education in school, and local ordinances due to insufficient funding and insufficient staffing. Programs that have been dropped include procurement due to insufficient staffing and funding. Ash diversion has been discontinued due to the closure of three biomass plants. Rural jurisdictions have chronically faced insufficient staffing and insufficient funding problems when challenged with other basic critical and competing issues such as unemployment, fire and police services, and education.

Madera Disposal System, Inc. and Madera County prepared a 2010 Master Plan during 1999 for the Solid Waste Facility Permit Revisions for both the Mammoth Material Recovery Facility (MRF) and the Fairmead Landfill. Mammoth MRF is being expanded to process more commercial waste up to 800 TPD, accept green waste up to 200 TPD and C&D wastes up to 200 TPD. The Fairmead Landfill is being re-permitted to include a 10,000 cubic yard Compost Facility for 100 TPD of green waste and agricultural commodities. According to the Draft EIR being prepared for the projects, the amount of diversion at the MRF and the landfill will increase from 17% in 2000 to 33% at design flows by 2010, in a phased approach over the next 8 years. The project schedule has been delayed to bring these expanded facilities on-line due to County staffing insufficiencies to process the CEQA document. The original project schedule was to have these facilities be operational during 2001, and has since been deferred to late 2003 or the Spring of 2004 depending on the solid waste facility permitting process. The first phase of the 2010 Master Plan will be finished in 2004 with the operations of the Compost Facility and the C&D Processing Facility, as well as processing more tons through Mammoth MRF.

Madera County has experienced high growth from 1990 to 2000 with a population increase of 39.8% while the State of California growth over the same period was 13.6%. Meanwhile the unemployment rate is 11.7% while the state was 5.2% in 2000. The poverty level is at 21.4%. The high growth rate to capture the C&D wastes without an active program or ordinance has been a major barrier. The relatively high unemployment rate and high poverty rate presents a major barrier to imposing mandatory recycling collection throughout the entire County. The socio-economic factors relative to rural California and especially the San Joaquin Valley have presented funding problems and missed opportunities for Madera County.

**2. Why is your jurisdiction requesting an Alternative Diversion Requirement in lieu of a Time Extension?**

The County of Madera qualifies as a rural jurisdiction as defined by the Public Resources Code. Based upon the proposed new Solid Waste Generation Study for 2003 and the implementation of new programs in 2003 and 2004, and the accounting of existing programs underway, the new diversion rate will reflect a reality that the current waste stream represents. The County is applying for an Alternative Diversion Rate based on the default calculated diversion rate of 43% for 2000, and would like to reserve the ability to petition for Reduced Diversion Requirements for Rural Jurisdictions, which is more similar to an Alternative Diversion Rate than the Time Extension. The County is not requesting a Time Extension to get to a 50% diversion rate since 50% diversion may not be achievable for a rural jurisdiction such as Madera County, even though the Plan of Correction may demonstrate a 47.5% diversion rate based on the 1990 Base Year.

A new Solid Waste Generation Study is being proposed in 2003 to evaluate the current amount of residential solid waste generation and non-residential solid waste generation. During the Solid Waste Generation Study, the source reduction and business recycling activities will be profiled to determine the amount of diversion that is occurring away from the Mammoth MRF and the Fairmead Landfill. These activities would include in-house business programs and inert recycling from the County Roads Department. With the Mammoth MRF being expanded and the Fairmead Landfill being permitted for composting in 2003, these facilities will eventually increase the recycling rate for the tons crossing the gate from 17% to 33%. However, these activities have been delayed due to permitting and may not be a full design until 2010, for which a Time Extension of 10 years is not allowed.

Prior to 1997, the City of Chowchilla incorporated a portion of the County that includes the Chowchilla Women's prison. This resulted in a reduction of approximately 6,100 people for the County resulting in a decrease in disposal of 3,277 tons. The proposed new Solid Waste Generation Study in 2003 will reflect the loss of the tons and their diversion programs.

With the new Solid Waste Generation Study and the proposed programs at the Mammoth MRF and the Fairmead Landfill, a new realistic diversion rate number will be determined. The current calculated rate of 43% does reflect a level of good faith effort set forth by the County with the current programs in place, but is not reflective of the current solid waste stream.

**3. Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.**

The 1998 approved CIWMB diversion rate for Madera County was 45%. A Good Faith Effort is being performed by Madera with the implementation of the following programs:

The Mammoth Material Recovery Facility became operational in 1995 with 15,624 tons being diverted and increased to 20,250 tons in 1998. The Mammoth MRF is a commingled "Dirty MRF" and is not designed for source separated recyclables via curbside collection. For rural Madera County, neither the MRF was selected or curbside recycling collection in the SRRE. The MRF was built as a Contingency Plan as the waste diversion from ash diversion was no longer occurring. The operator conducted a MRF efficiency study in 1999 and planned an expansion of the MRF which is under CEQA review at this time. The MRF's expansion with the compost facility and C&D processing at the Fairmead Landfill will increase diversion of all tons crossing the gate from 17% to 33%.

The SRRE did not select a green waste recycling program due to the initial waste generation study selecting waste diversion of ash and inerts. Fairmead Landfill began a green waste ADC program and an inert waste recycling program in 1999. The green waste ADC has diverted 1,678 tons in 1999 and 751 tons in 2000, and the inert recycling program diverted 3,265 tons in 1999, and 3,110 tons in 2000. The brush and wood chipping program started in 1991 to supply the biomass plants with hog fuel has transitioned over to an mulch for erosion control program at the Fairmead Landfill for 1,446 tons in 1999, and 1,342 tons in 2000.

The inert recycling program the County Roads Department started in 1989 has expanded to service CALTRANS projects as well. There were 6,429 tons diverted in 1999 from a large Hwy. 99 project, and 2,151 tons diverted in 2000.

Madera County is a rural county and establishing programs such as curbside collection and/or green waste collection is not reasonable for low density areas and the socio-economic profile of the County. Much of rural Madera County is agricultural where backyard composting of organic material has been an institutional practice for generations. The backyard composting program will be profiled and expanded to include food waste in order to remove the "dirty" materials from the "Dirty MRF" for a potentially cleaner and more recoverable commingled residential waste stream. Therefore, the Fairmead Landfill green waste ADC program was implemented over a green waste curbside collection program in 1999. The "Dirty MRF" handles the residential and commercial curbside materials. Madera County has chosen to implement facility-based diversion programs at Mammoth MRF and Fairmead Landfill. In conjunction with these facilities, the County has received a grant to establish a dinosaur bone museum/resource conservation facility for a public educational outreach program. With additional match funding, the educational center at the Fairmead Landfill could be operational during 2004 or 2005.

**4. Describe any relevant circumstances in the jurisdiction that contribute to the need for an ADR. Provide any relevant information that supports the request.**

The County realizes that a new Solid Waste Generation Study needs to be performed, and with that, a revised SRRE will need to be prepared to focus the County of public education, procurement, business recycling programs with proper accounting and documentation of those programs. The Mammoth MRF and Fairmead Landfill diversion programs need to be permitted and operational in late 2003.

County staffing and funding has been insufficient for years as part of the rural challenge that many Counties are facing. There has been staff turnover while other critical programs get the attention of the County Board of Supervisors. Madera County's socio-economic status with high growth, high unemployment and high poverty rate has been a major barrier where an ADR would allow the County to continue to make a good faith effort to the maximum extent feasible which may not be 50% diversion for this rural County.

## Section IV B—GOAL ACHIEVEMENT

Goal Achievement describes the activities the jurisdiction will use to achieve the ADR.  
Attach additional sheets if necessary..

Residential %		11	Non-residential %		89
PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	FUNDING SOURCE	DATE FULLY COMPLETED	ESTIMATED PERCENT DIVERSION
Please use the Board's Program Types. The Program Glossary is online at: <a href="http://www.ciwmb.ca.gov/LG/Central/PARIS/Codes/Reduce.htm">www.ciwmb.ca.gov/LG/Central/PARIS/Codes/Reduce.htm</a>					
MRF	Expand	Increase the MRF Processing Tonnage and diversion rate with the Solid Waste Facility Permit Revision from 17% diversion to 20% diversion targeting commercial waste and blue bags	Tipping fees at MRF	04/04	3%
MRF	Expand	Increase the MRF tonnages for C&D to 200 TPD with processing capacity adjacent to the MRF with use at the Landfill for beneficial reuse	Tipping Fee at MRF	06/04	0% replace previous inert tonnages
Compost	New	Permit a 100 TPD, 10,000 cubic yard composting facility at Fairmead Landfill. New 1992 SRRE tonnages (3,226 tons) that are partially diverted over to ADC tonnages of 2000 (3,119 tons)	Tipping Fee at MRF	06/04	1.5%
Residential Curbside	New	Introduce the blue bag program for residential curbside recycling for select higher density socio-economic areas where participation would occur. Provide and distribute the blue bags and promote with public outreach. Expand the program to lower density area as program evolves.	Residential Collection Rate Increase	09/03	Part of MRF rate of 3%
Residential Curbside Greenwaste Collection	New	Introduce the green waste residential collection program in conjunction with the blue bag program to select higher density socio-economic areas where participation would occur. Do not expand into low density where backyard composting on large agricultural parcels is prevalent.	Residential Collection Rate Increase	09/03	Part of Compost Rate at 1.5%
Residential Drop-Off and Commercial Self-Haul	Expand	At the Mammoth MRF and the North Fork Transfer Station expand the opportunities for residential drop-off and commercial self-haul for source-separated OCC, newspapers, wood wastes, and green waste.	Reduced Tip Fee at Facility	09/03	Part of MRF rate of 3%
Total Estimated Diversion Percent From New and/or Expanded Programs					4.5%
Current Diversion Rate Percent From Latest Annual Report					43%
Total Planned Diversion Percent Estimated					47.5%

## PROGRAMS SUPPORTING DIVERSION ACTIVITIES

PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED
Electronic	Expand	Expand the electronic media public education program with the expansion of the Madera County Home page to promote Facility Recycling, food waste backyard composting, and C&D recycling and source-separation.	1/04

## Section IV A—PLAN OF CORRECTION

A Plan of Correction is required by PRC Section 41820(a)(6)(B). The plan is fundamentally a description of the actions the jurisdiction will take to meet the 50% goal by the expiration of the Time Extension.

*Attach additional sheets if necessary.*

Residential %			Non-residential %		
<b>PROGRAM TYPE</b> Please use the Board's Program Types. The Program Glossary is online at: <a href="http://www.ciwrmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm">www.ciwrmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm</a>	<b>NEW or EXPAND</b>	<b>DESCRIPTION OF PROGRAM</b>	<b>FUNDING SOURCE</b>	<b>DATE FULLY COMPLETED</b>	<b>ESTIMATED PERCENT DIVERSION</b>
		Total Estimated Diversion Percent From New and/or Expanded Programs			
		Current Diversion Rate Percent From Latest Annual Report			
		Total Planned Diversion Percent Estimated			

## PROGRAMS SUPPORTING DIVERSION ACTIVITIES

PROGRAM TYPE	NEW or EXPANDED	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED

**Section IV B – GOAL ACHIEVEMENT (continued)**

<b>PROGRAMS SUPPORTING DIVERSION ACTIVITIES</b>			
<b>PROGRAM TYPE</b>	<b>NEW OR EXPAND</b>	<b>DESCRIPTION OF PROGRAM</b>	<b>DATE FULLY COMPLETED</b>
Ordinance	New	Prepare C&D Ordinance for the County to encourage source-separation for further processing at the proposed Mammoth MRF C&D Facility.	01/04
Backyard Composting	Expand	Quantify in the proposed SRRE revision the amount of backyard composting that is occurring in rural Madera County, and use as a tool to identify potential areas to expand a green waste collection program. Expand the backyard composting program to include food waste to remove the contaminants from the general refuse for cleaner recovery of materials at the "Dirty MRF". Create brochure on how to backyard compost and expand into food waste.	01/04
Economic Incentives	Expand	Expand the current differential tipping fee schedule for clean green waste and contaminate green waste to include source-separated C&D materials such as clean wood and clean inerts. Expand the differential fee schedule to self-haul residential and commercial recyclables, green waste, and C&D materials at the Mammoth MRF and North Fork Transfer Station	01/04

Print	Expand	Expand the printed brochures for food waste backyard composting and C&D source separated recycling	01/04
Outreach	Expand	Expand more site visits to the Mammoth MRF and proposed dinosaur and resource conservation museum. Create public service announcements to promote recycling at home and at the business. Drop-off flyers for special events such as the annual Christmas Tree program to promote the new recycling opportunities at the Mammoth MRF and North Fork Transfer Station.	01/05

**Section V – PARIS**

Office of Local Assistance staff will be reviewing your Jurisdiction's Planning Annual Report Information System (PARIS) database printout as part of the evaluation of your request. Should the Jurisdiction have updates or revisions to the program implementation from the latest Annual Report submitted to the Board, please attach to the application the Jurisdiction's PARIS database printout showing updates or revisions.

*Contact your Office of Local Assistance Representative at (916) 341-6199 for a copy of PARIS, or go to the Board's website at [www.ciwmb.ca.gov/LGCentral/PARIS/](http://www.ciwmb.ca.gov/LGCentral/PARIS/).*